

AERIE PHARMACEUTICALS INC
 Form 4/A
 October 11, 2016

FORM 4

**UNITED STATES SECURITIES AND EXCHANGE COMMISSION
 Washington, D.C. 20549**

OMB APPROVAL

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Check this box if no longer subject to Section 16. Form 4 or Form 5 obligations may continue. See Instruction 1(b).

STATEMENT OF CHANGES IN BENEFICIAL OWNERSHIP OF SECURITIES

Filed pursuant to Section 16(a) of the Securities Exchange Act of 1934, Section 17(a) of the Public Utility Holding Company Act of 1935 or Section 30(h) of the Investment Company Act of 1940

(Print or Type Responses)

1. Name and Address of Reporting Person *
 Foresite Capital Management II, LLC

2. Issuer Name and Ticker or Trading Symbol
 AERIE PHARMACEUTICALS INC [AERI]

5. Relationship of Reporting Person(s) to Issuer
 (Check all applicable)

(Last) (First) (Middle)
 600 MONTGOMERY STREET, SUITE 4500
 (Street)

3. Date of Earliest Transaction (Month/Day/Year)
 10/06/2016

____ Director
 ____ Officer (give title below)
 10% Owner
 ____ Other (specify below)

SAN FRANCISCO, CA 94111

4. If Amendment, Date Original Filed(Month/Day/Year)
 10/07/2016

6. Individual or Joint/Group Filing(Check Applicable Line)
 ____ Form filed by One Reporting Person
 Form filed by More than One Reporting Person

(City) (State) (Zip)

Table I - Non-Derivative Securities Acquired, Disposed of, or Beneficially Owned

1. Title of Security (Instr. 3)	2. Transaction Date (Month/Day/Year)	2A. Deemed Execution Date, if any (Month/Day/Year)	3. Transaction Code (Instr. 8)	4. Securities Acquired (A) or Disposed of (D) (Instr. 3, 4 and 5)	5. Amount of Securities Beneficially Owned Following Reported Transaction(s) (Instr. 3 and 4)	6. Ownership Form: Direct (D) or Indirect (I) (Instr. 4)	7. Nature of Indirect Beneficial Ownership (Instr. 4)				
				Code	V	Amount	(A) or (D)	Price			
Common Stock	10/06/2016		S					\$ 40.3399 (1)	1,647,901	I	See Footnote (2)
Common Stock	10/06/2016		S					\$ 40.3399 (1)	1,672,697	I	See Footnote (3)

Reminder: Report on a separate line for each class of securities beneficially owned directly or indirectly.

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SEC 1474 (9-02)

number.

Table II - Derivative Securities Acquired, Disposed of, or Beneficially Owned
(e.g., puts, calls, warrants, options, convertible securities)

1. Title of Derivative Security (Instr. 3)	2. Conversion or Exercise Price of Derivative Security	3. Transaction Date (Month/Day/Year)	3A. Deemed Execution Date, if any (Month/Day/Year)	4. Transaction Code (Instr. 8)	5. Number of Derivative Securities Acquired (A) or Disposed of (D) (Instr. 3, 4, and 5)	6. Date Exercisable and Expiration Date (Month/Day/Year)	7. Title and Amount of Underlying Securities (Instr. 3 and 4)	8. Price of Derivative Security (Instr. 5)	9. Number of Derivative Securities Owned Following Reporting Transaction (Instr. 5)
				Code	V (A) (D)	Date Exercisable	Expiration Date	Title	Amount or Number of Shares

Reporting Owners

Reporting Owner Name / Address	Relationships			
	Director	10% Owner	Officer	Other
Foresite Capital Management II, LLC 600 MONTGOMERY STREET SUITE 4500 SAN FRANCISCO, CA 94111		X		
Foresite Capital Fund II, L.P. 600 MONTGOMERY STREET SUITE 4500 SAN FRANCISCO, CA 94111		X		
Foresite Capital Management III, LLC 600 MONTGOMERY STREET SUITE 4500 SAN FRANCISCO, CA 94111		X		
Foresite Capital Fund III, L.P. 600 MONTGOMERY STREEET SUITE 4500 SAN FRANCISCO, CA 94111		X		
Tananbaum James B. 3052 PACIFIC AVENUE SAN FRANCISCO, CA 94115		X		

Signatures

FORESITE CAPITAL MANAGEMENT II, LLC, By: Dennis D. Ryan, Chief Financial Officer	10/11/2016
__Signature of Reporting Person	Date
FORESITE CAPITAL FUND II, L.P., By: Foresite Capital Management II, LLC, Its: General Partner, By: /s/ Dennis D. Ryan, Chief Financial Officer	10/11/2016
__Signature of Reporting Person	Date
FORESITE CAPITAL MANAGEMENT III, LLC, By: /s/ Dennis D. Ryan, Chief Financial Officer	10/11/2016
__Signature of Reporting Person	Date
FORESITE CAPITAL FUND III, L.P., By: Foresite Capital Management III, LLC, Its: General Partner, By: /s/ Dennis D. Ryan, Chief Financial Officer	10/11/2016
__Signature of Reporting Person	Date
/s/ James B. Tananbaum	10/11/2016
__Signature of Reporting Person	Date

Explanation of Responses:

* If the form is filed by more than one reporting person, *see* Instruction 4(b)(v).

** Intentional misstatements or omissions of facts constitute Federal Criminal Violations. *See* 18 U.S.C. 1001 and 15 U.S.C. 78ff(a).

(1) This transaction was executed in multiple trades at prices ranging from \$40.00 to \$40.90. The price reported reflects the weighted average sale price. The Reporting Persons hereby undertake to provide upon request to the SEC staff, the Issuer, or any stockholder of the Issuer, full information regarding the number of shares and the price at which each trade was effected.

(2) The shares are owned directly by Foresite Capital Fund II, L.P. ("FCF II"). Foresite Capital Management II, LLC ("FCM II"), the general partner of FCF II, may be deemed to have sole voting and dispositive power over these shares. James B. Tananbaum ("Mr. Tananbaum"), in his capacity as managing member of FCM II, may be deemed to have sole voting and dispositive power over these shares. Each Reporting Person disclaims the existence of a "group." Each of FCM II and its members and Mr. Tananbaum disclaims beneficial ownership of any of these shares except to the extent of any pecuniary interest therein, and the filing of this report is not an admission that FCM II and its members or Mr. Tananbaum is the beneficial owner of these shares for purposes of Section 16 or any other purpose.

(3) The shares are owned directly by Foresite Capital Fund III, L.P. ("FCF III"). Foresite Capital Management III, LLC ("FCM III"), the general partner of FCF III, may be deemed to have sole voting and dispositive power over these shares. James B. Tananbaum ("Mr. Tananbaum"), in his capacity as managing member of FCM III, may be deemed to have sole voting and dispositive power over these shares. Each Reporting Person disclaims the existence of a "group." Each of FCM III and its members and Mr. Tananbaum disclaims beneficial ownership of any of these shares except to the extent of any pecuniary interest therein, and the filing of this report is not an admission that FCM III and its members or Mr. Tananbaum is the beneficial owner of these shares for purposes of Section 16 or any other purpose.

Remarks:

This Form 4 Amendment amends and restates in its entirety the Form 4 filed on October 7, 2016, for the sole purpose of including

Note: File three copies of this Form, one of which must be manually signed. If space is insufficient, *see* Instruction 6 for procedure.

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